

NFR5 - LysM Motif Alignment

		SEQ ID	LysM sequence - NFR5	% iden
LysM1	<i>Lotus japonicus</i>	8	YTAQSPNLLSLTNISDIFDISPLSIARASNIDAGKDKLVPGQVLLVP	100
	<i>Psium sativum</i>	15	YFARSPNFLSLTNISDIFAMSPLSIKASNIEDEDKKLVVEGQVLLIP	72.3
	<i>M. trunculata</i>	32	YRAQSPNFLSLSNISDIFNLSPRIAKASNIEAEDKKLIPDQLLLV	70.2
	<i>P. vulgaris</i>	40	YISQSPNFLSLTSSNIFDTSPLSIARASNQHEEDKKLIPGQVLLIP	70.2
	<i>Glycine max</i>	48	YIAQSPNFLSLTNISNIFDTSPLSIARASNLEPMDDKLVKDQVLLVP	76.6
	<i>L. filicaulis</i>	31	YTAQSPNLLSLTNISDIFDISPLSIARASNIDAGKDKLVPGQVLLVP	100
LysM2	<i>Lotus japonicus</i>	8	YQIQLGDSYDFVATTLYENLTNWNIVQASNPGVNPYLLPERVKVVP	100
	<i>Psium sativum</i>	15	YTIKLGDNFIVSTSYQNLTNYVEMENFNPNLSPNLLPPEIKVVVP	51.1
	<i>M. trunculata</i>	32	YSIKQGDNFFILSITSYQNLTNYLEFKNFNPNLSPNLLPLDTKVSV	40.4
	<i>P. vulgaris</i>	40	YEINQGDSPFYFVATTLYQNLTNWHAVMDLNPGLSQFTLPIGIQVVIP	55.3
	<i>Glycine max</i>	48	YEINQGDSPFYFVATTSYENLTNWRVMDLNPVLSNKLPIGIQVVP	57.4
	<i>L. filicaulis</i>	31	YQIQKGDSYDFVATTLYENLTNWNIVQASNPGVNPYLLPERVKVVP	97.9
LysM3	<i>L. japonicus</i>	8	YVWKPNNDVSLVSAKFGASPADILTENRYQDFTAATNLPILIP	100
	<i>Psium sativum</i>	15	YVWQANDNVTRVSSKFGASQVDMFTEN..NQNF TASTNVPILIP	65.9
	<i>M. trunculata</i>	32	YVWQDNDNVTLVSSKFGASQVEMLAEN..NHNFTASTNRSVLIP	59.1
	<i>P. vulgaris</i>	40	HVWQPNNDVSVFVSNKLGASPDILSENNYGQNF TAASNLPVLIP	75.0
	<i>Glycine max</i>	48	YVWKPGDNVSLVSDKFGASPEDIMSENNYGQNF TAANNLPVLIP	79.5
	<i>L. filicaulis</i>	31	YVWKPNNDVSLVSAKFGASPADILTENRYQDFTAATNLPILIP	100

NFR1 - LysM Motif Alignment

		SEQ ID	LysM sequence - NFR1	%iden
LysM1	<i>Lotus japonicus</i>	25	YSASKGDTYETIANLYYANLTTVDLLKRFNSYDPKNIPVNAKVNT	100
	<i>Lotus japonicus</i>	24	YSASKGDTYETIANLYYANLTTVDLLKRFNSYDPKNIPVNAKVNT	100
	<i>Lotus japonicus</i>	25	YSASKGDTYETIANLYYANLTTVDLLKRFNSYDPKNIPVNAKVNT	100
	<i>Pisum sativum</i>	52	YTTKKGDTYDLIANNYVSLTSVELLKKFNSYDPNHIPAKAKVNT	67.4
	<i>Pisum sativum</i>	54	YTANEGDPTYDLIANTYYASLTTVEVLKKYNSYDPNHIPVKAQVNT	69.6
LysM2	<i>Lotus japonicus</i>	25	YPIRPGDTLQDIANQSSLDAGLIQSFNPSVNFSGKDSGIAFIP	100
	<i>Lotus japonicus</i>	24	YPIRPGDTLQDIANQSSLDAGLIQSFNPSVNFSGKDSGIAFIP	100
	<i>Lotus japonicus</i>	25	YPIRPGDTLQDIANQSSLDAGLIQSFNPSVNFSGKDSGIAFIP	100
	<i>Pisum sativum</i>	52	YPLRSTDSLEKIANESKLDEGLIQNFNPDVNFSGRGSGIVFIP	66.7
	<i>Pisum sativum</i>	54	YPLRPRDTLEKIHARSNLDEGVIQSYNLGVNFSGKSGVVFPP	61.9